

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2004-066203
(43)Date of publication of application : 04.03.2004

(51)Int.Cl. B01J 20/24
A61F 13/49
A61F 13/53
A61L 15/16
A61L 15/60
// A61F 5/44
C08B 37/00

(21)Application number : 2002-233163 (71)Applicant : UNITIKA LTD
(22)Date of filing : 09.08.2002 (72)Inventor : NAKAI YOSHIO
KAWANAKA SATOSHI
WADA SATOKO

(54) METHOD OF PRODUCING WATER ABSORBENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method of easily obtaining a water absorbent having an improved gel strength and an excellent artificial urine absorptivity.

SOLUTION: The method of producing the water absorbent is characterized in that galactomannan is crosslinked with an at least trivalent metal ions, the obtained crosslinked gel is dried, treating the dried gel is treated under a condition of a humidity of 30% or higher, and the treated gel is dried. As trivalent or more valent metal ion, at least one kind of ion selected from the group consisting of a boride ion, a titanium ion, a zirconium ion, an aluminum ion, a cerium ion, and an yttrium ion is desirably used.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or

application converted registration]
[Date of final disposal for application]
[Patent number]
[Date of registration]
[Number of appeal against examiner's
decision of rejection]
[Date of requesting appeal against examiner's
decision of rejection]
[Date of extinction of right]